

- Site Boundary
- Study Area (1 km buffer)
- Proposed Site Layout
- BESS
- Temporary Construction Compound
- OM Building
- Customer Substation
- PV Module
- Transformer
- Internal Access Track
- Existing Access Track
- External Access Track
- Power Conversion
- Storage Container
- Tesla Megapack
- Fence



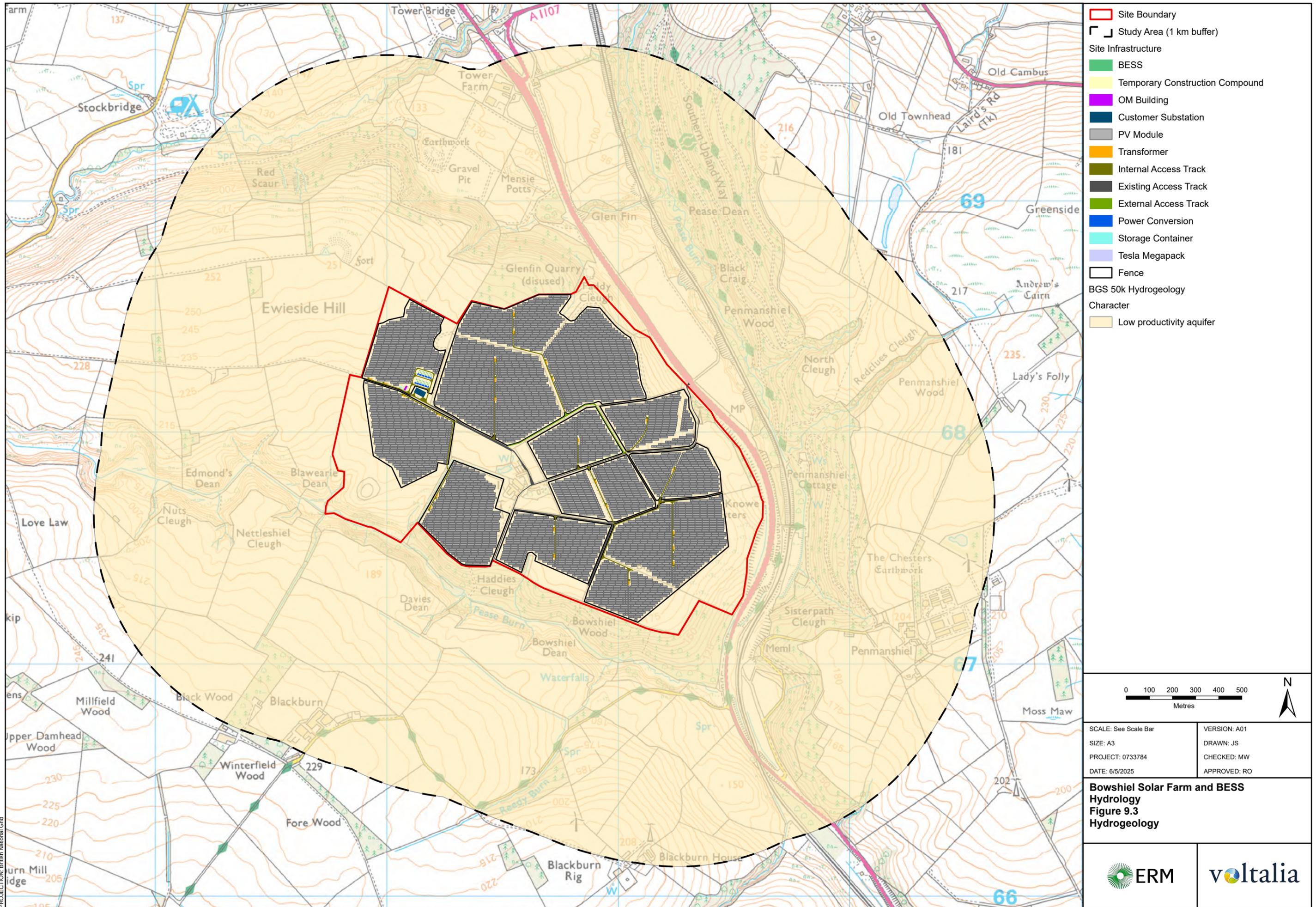
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PROJECT: 0733784	CHECKED: MW
DATE: 6/5/2025	APPROVED: RO

**Bowshiel Solar Farm and BESS Hydrology Figure 9.1 Study Area**

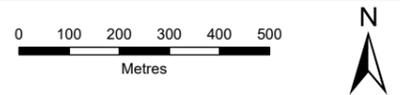


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- Site Boundary
- Study Area (1 km buffer)
- Site Infrastructure
- BESS
- Temporary Construction Compound
- OM Building
- Customer Substation
- PV Module
- Transformer
- Internal Access Track
- Existing Access Track
- External Access Track
- Power Conversion
- Storage Container
- Tesla Megapack
- Fence
- BGS 50k Hydrogeology
- Character
- Low productivity aquifer

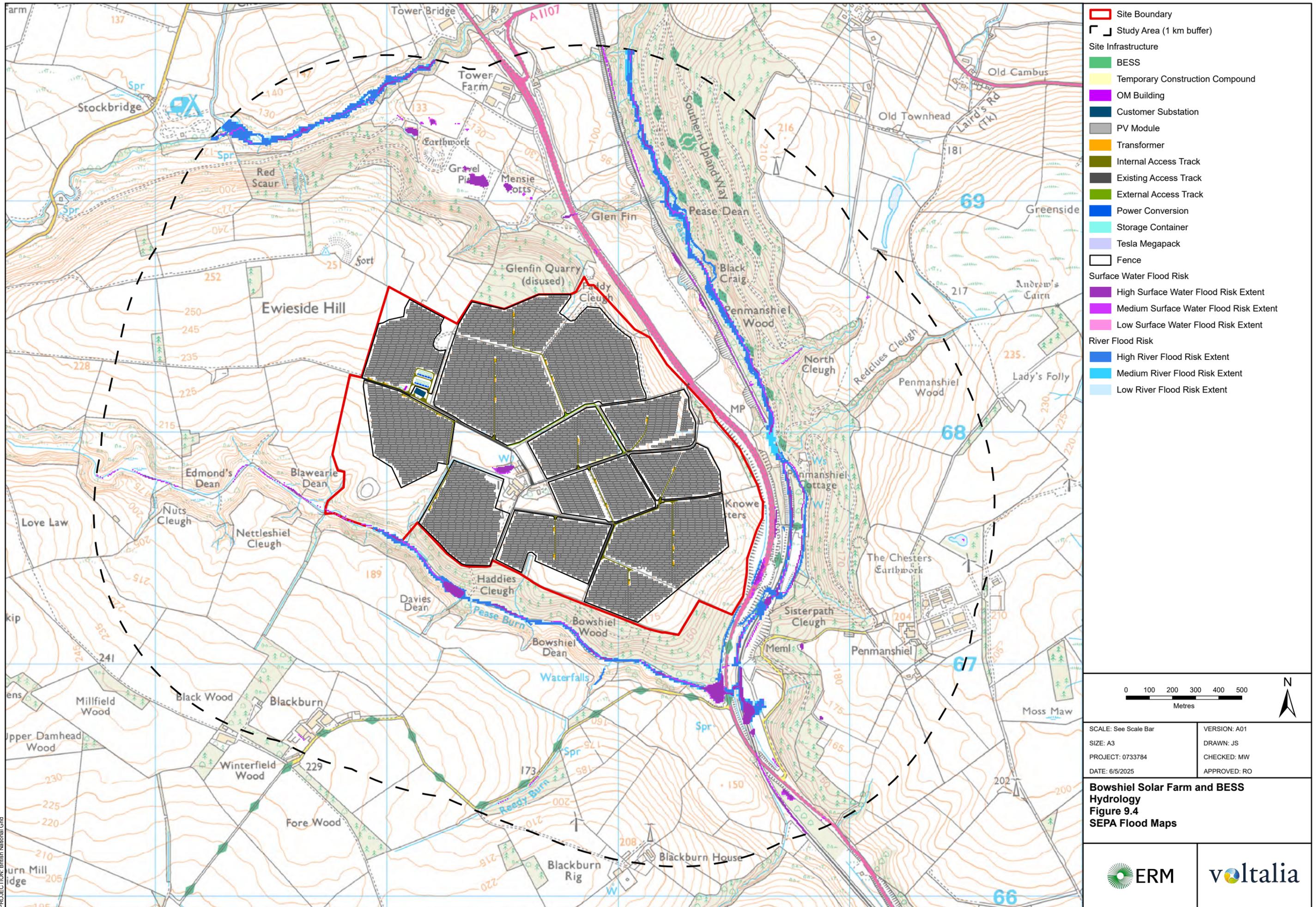


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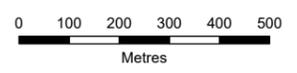
**Bowshiel Solar Farm and BESS  
Hydrology  
Figure 9.3  
Hydrogeology**



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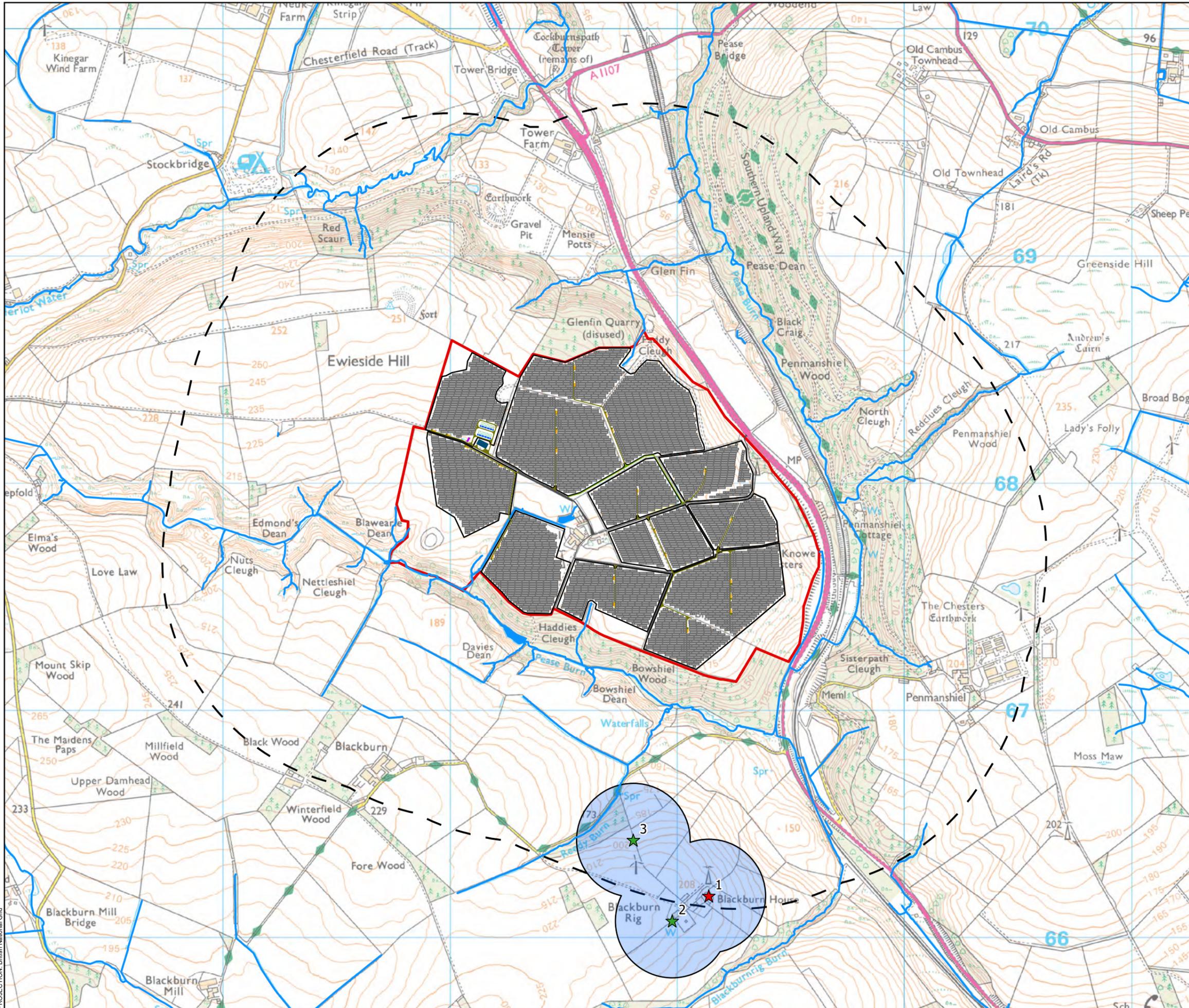
- Site Boundary
- Study Area (1 km buffer)
- Site Infrastructure
- BESS
- Temporary Construction Compound
- OM Building
- Customer Substation
- PV Module
- Transformer
- Internal Access Track
- Existing Access Track
- External Access Track
- Power Conversion
- Storage Container
- Tesla Megapack
- Fence
- Surface Water Flood Risk
- High Surface Water Flood Risk Extent
- Medium Surface Water Flood Risk Extent
- Low Surface Water Flood Risk Extent
- River Flood Risk
- High River Flood Risk Extent
- Medium River Flood Risk Extent
- Low River Flood Risk Extent



SCALE: See Scale Bar	VERSION: A01
SIZE: A3	DRAWN: JS
PROJECT: 0733784	CHECKED: MW
DATE: 6/5/2025	APPROVED: RO

**Bowshiel Solar Farm and BESS  
Hydrology  
Figure 9.4  
SEPA Flood Maps**





- Site Boundary
- Study Area (1 km Buffer)
- Site Infrastructure
- BESS
- Temporary Construction Compound
- OM Building
- Customer Substation
- PV Module
- Transformer
- Internal Access Track
- Existing Access Track
- External Access Track
- Power Conversion
- Storage Container
- Tesla Megapack
- Fence
- ★ Private Water Supplies - Scottish Borders Council
- ★ Private Water Supplies - Survey Response
- Surface Watercourses
- Surface Waterbodies
- 250 m buffer of Private Water Supplies

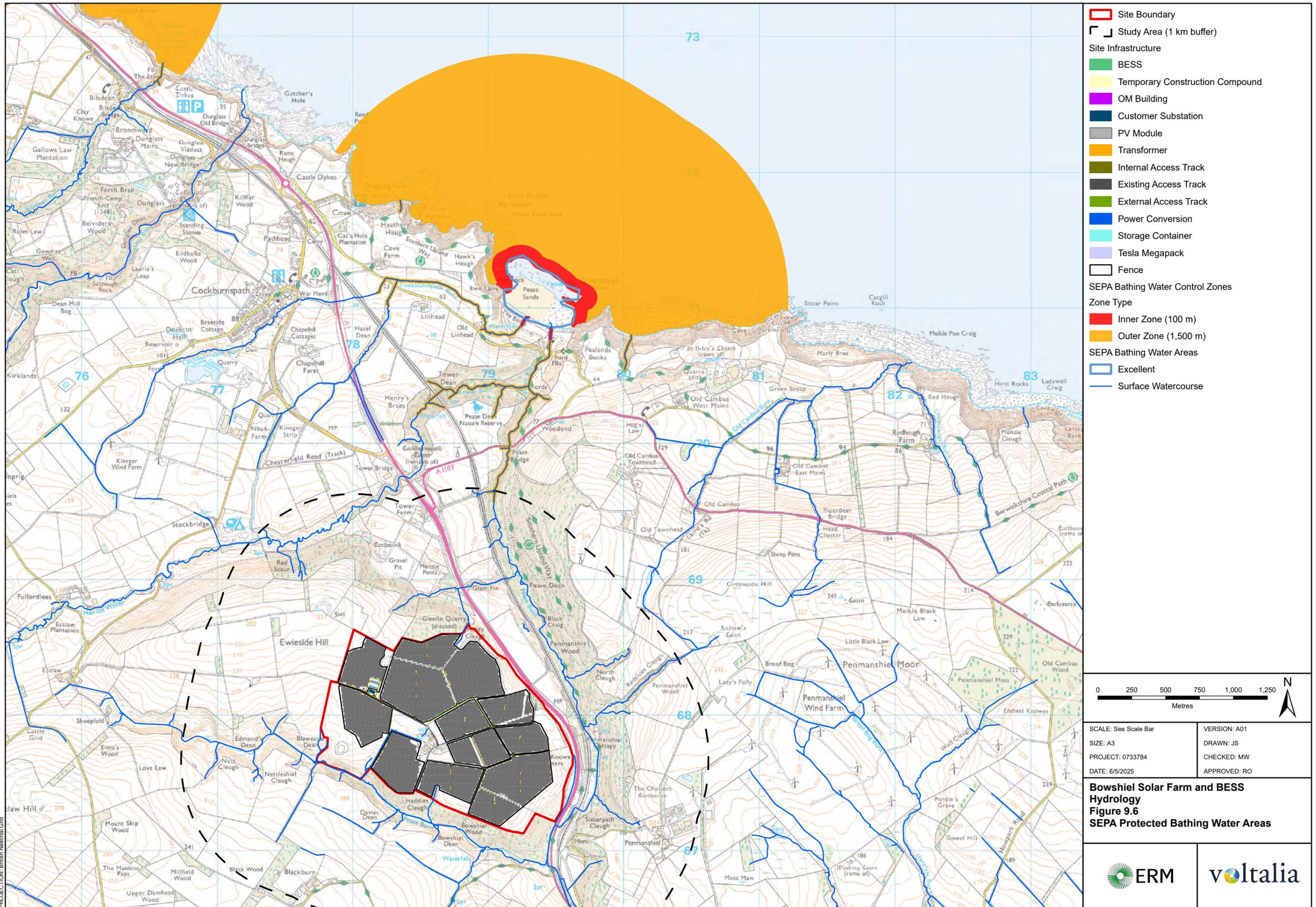


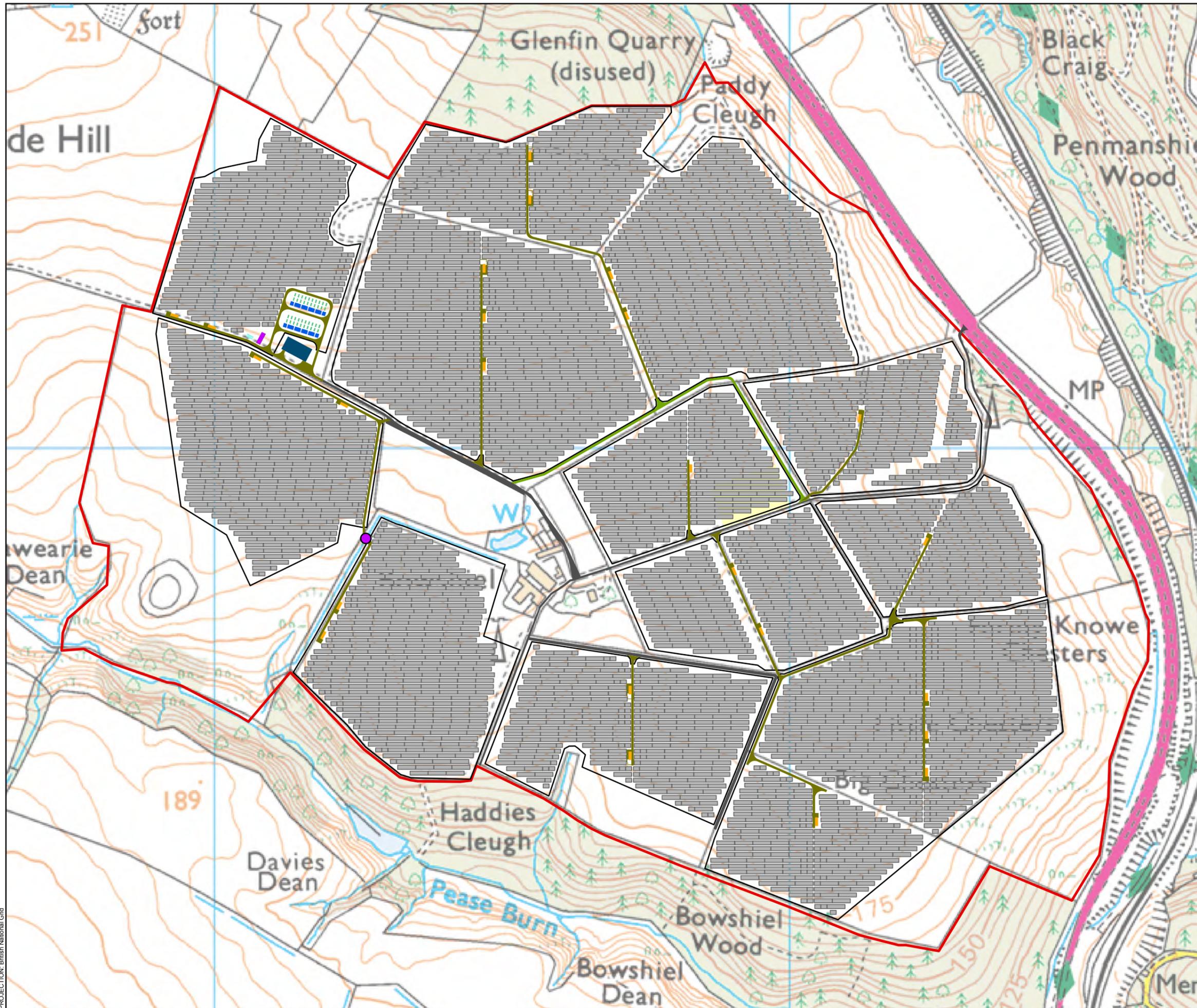
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PROJECT: 0733784	CHECKED: MW
DATE: 6/5/2025	APPROVED: RO

**Bowshiel Solar Farm and BESS Hydrology**  
**Figure 9.5**  
**Private Water Supplies**

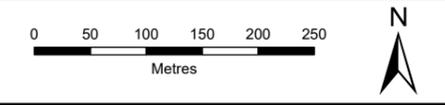


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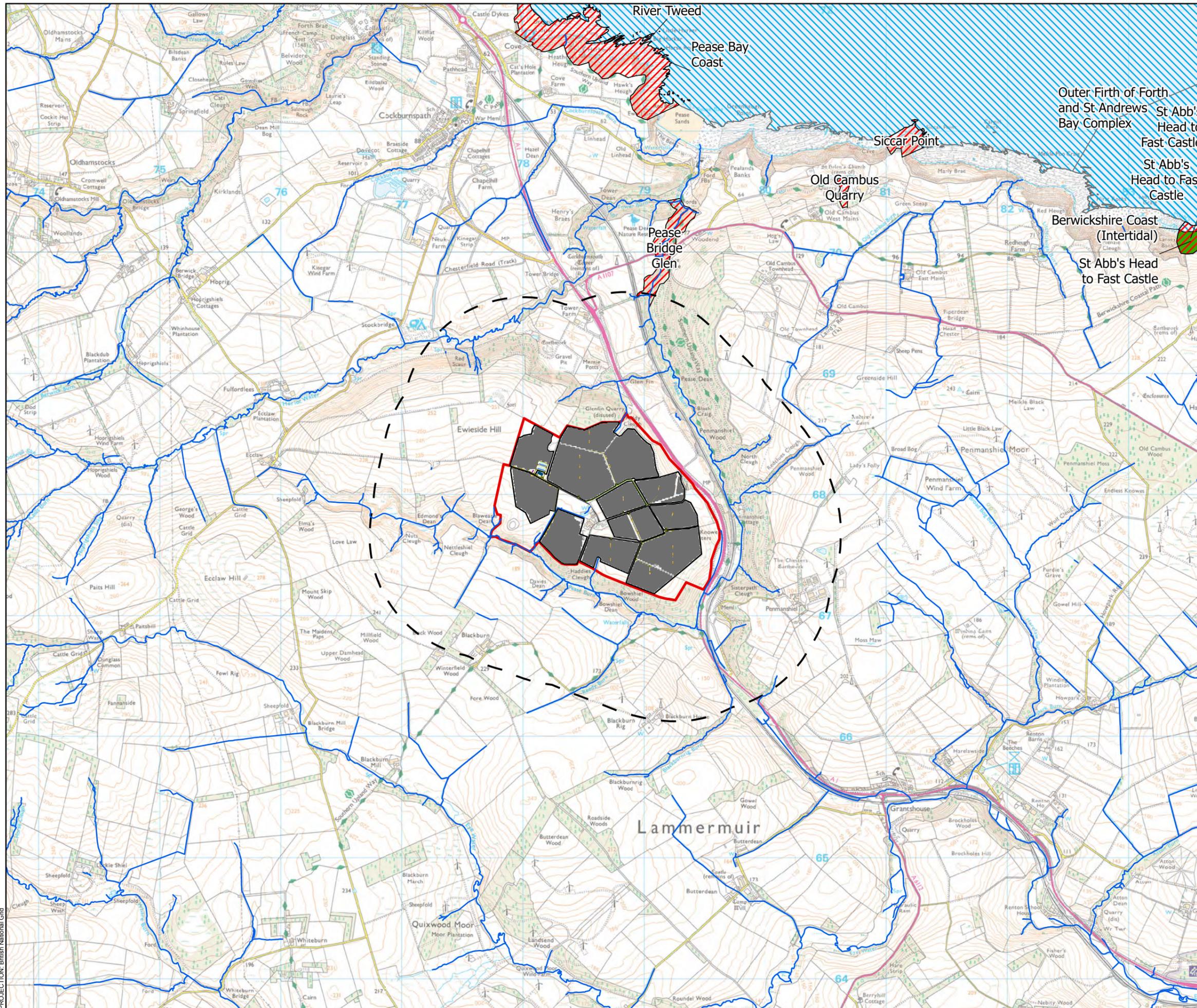
- Site Boundary
- Site Infrastructure
- BESS
- Temporary Construction Compound
- OM Building
- Customer Substation
- PV Module
- Transformer
- Internal Access Track
- Existing Access Track
- External Access Track
- Power Conversion
- Storage Container
- Tesla Megapack
- Fence
- Watercourse Crossings
- Existing



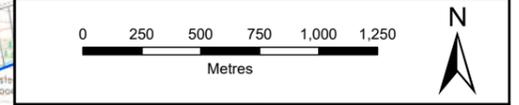
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SIZE: A3	DRAWN: JS
PROJECT: 0733784	CHECKED: MW
DATE: 6/5/2025	APPROVED: RO

**Bowshiel Solar Farm and BESS**  
**Hydrology**  
**Figure 9.7**  
**Watercourse Crossings**





- Site Boundary
- Site Boundary (1km buffer)
- Site Infrastructure
- BESS
- Temporary Construction Compound
- OM Building
- Customer Substation
- PV Module
- Transformer
- Internal Access Track
- Existing Access Track
- External Access Track
- Power Conversion
- Storage Container
- Tesla Megapack
- Fence
- Surface Watercourse
- Site of Special Scientific Interest
- Special Areas of Conservation
- Special Protection Areas



SCALE: See Scale Bar	VERSION: A01
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**Bowshiel Solar Farm and BESS Hydrology Figure 9.8 Designated Sites**



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